

DT937RF

Series 930 Wireless Heat Detector Class CS

General

The DT937RF temperature detector is an addressable detector including a wireless detector base and batteries. The detector has a fixed temperature alarm threshold at 90°C.

The Range

The 930RF series consists of:

- Optical Smoke Detectors
- Multisensor Smoke Detectors
- A1R Heat Detectors
- CS Heat Detectors
- Sounders
- Sounder Beacons
- Manual Call Points
- Interface Modules

Operating Principle

Detectors are often installed in buildings where wiring presents a challenge because the fabric of the building or its design is negatively affected by the use of cables. It could also be difficult to introduce cable runs into buildings which were not designed for the modern age. It is for these architecturally sensitive buildings that the 930RF series was developed.

The 930RF series devices communicate with a standard (wired) 950 series detector loop by radio signals. An interface is connected to the loop in the same way as any other interface, such as an Input/Output Unit.

Every 930RF series device is assigned an address and this address is recognised by the control panel in the same way as is the address of any device connected directly to the loop wiring.



Details

- Easy to install
- Standard 900 series card addressing
- Self-monitoring
- Proven technology
- Eliminates cable installation problems
- Uses 868MHz radio channels
- Up to 15 device per interface
- Up to 5 interfaces per loop

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Technical specifications

General

| | |
|--------------------|---|
| Status indication | LED |
| User interface | LED |
| Wireless frequency | 868 MHz |
| Compatibility | Systems with Aritech 900 series support |
| Connectivity | Wireless |
| Addressing method | Card Addressing |

Electrical

| | |
|-------------------|----------------------------------|
| Batteries | Duracell Pro-Cell 6 x AA size |
| Operating voltage | 2.8 to 5 VDC |

Detection

| | |
|------------|-----------------------|
| Monitoring | Device type, Presence |
|------------|-----------------------|

Physical

| | |
|---------------------|---------------------------|
| Physical dimensions | 105 x 80 mm (Ø x H) |
| Net weight | 400 g |
| Colour | White |
| Mounting type | Base mount, Ceiling mount |
| Material (body) | Polycarbonate |

Environmental

| | |
|-----------------------|------------------------|
| Vandal proof | No |
| Operating temperature | -10 to +50°C |
| Relative humidity | 0 to 95% noncondensing |
| Environment | Indoor |
| IP rating | IP23D |

Regulatory

| | |
|---------------|---|
| Compliance | CE, REACH, RED (2014/53/EU), RoHS 2, WEEE |
| Certification | CPR |
| Standards | EN54-5, EN54-25 |



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Last updated on 5 May 2023 - 9:29